

This listing of claims will replace all prior versions, and listings, of claims in the application. Please note that brackets "[ ]" have been used to indicate deletion of dashes "-" which would not appear with strikethrough notation:

Listing of Claims:

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1. (Presently Amended) A method of regenerating a filter of a diesel exhaust particulate filter system, said method comprising as steps:
- a) providing a porous membrane in the form of a stainless steel fiber web;
  - b) using said membrane as a filter during a filtration period; and
  - c) using said membrane as a surface combustion burner membrane during a regeneration period following said filtration period.
2. (Presently Amended) A method of regenerating a diesel exhaust particulate filter system, comprising:
- a) providing at least two porous membranes in the form of a stainless steel fiber web;
  - b) using at least one of said membranes as a filter during a filtration period; and
  - c) using at least one of the remaining membranes as a surface combustion burner membrane during a regeneration period which overlaps with said filtration period.
3. (Canceled)
4. (Presently Amended) A method according to claim 1, said method further comprising the step of:  
providing fuel to said membrane during the regeneration period.
5. (Presently Amended) A method according to claim 4, wherein said ~~fluid~~ fuel is diesel.

6. (Presently Amended) A method according to claim 1, said method further comprising the step of:
- [-] monitoring a ~~the~~ pressure across said membrane during the filtration period.
7. (Presently Amended) A method according to claim 6, said method further comprising the step of:
- [-] generating a control signal to regenerate said membrane, once the pressure across said membrane exceeds a predetermined level.
8. (Presently Amended) A method according to claim 4, wherein during said regeneration period the amount of fuel provided is reduced after initiation of a flame at said porous membrane ~~membranes~~.
9. (Canceled)
10. (Presently Amended) A method according to claim 2, said method further comprising the step of providing fuel to said membrane during the regeneration period.
11. (Canceled)
12. (Presently Amended) A method according to claim 2, said method further comprising the step of:
- [-] monitoring a ~~the~~ pressure across said membrane during the filtration period.
13. (Canceled)

14. (Presently Amended) A method according to claim 4, said method further comprising the step of:  
[-] monitoring a ~~the~~ pressure across said membrane during the filtration period.
15. (Presently Amended) A method according to claim 5, said method further comprising the step of:  
[-] monitoring a ~~the~~ pressure across said membrane during the filtration period.
16. (New) A method according to claim 1, wherein said stainless steel fiber web is completely metallic.
17. (New) A method according to claim 2, wherein said stainless steel fiber web is completely metallic.
18. (New) A method according to claim 1, wherein said stainless steel fiber web comprises a fiber medium having a fiber diameter of about 22  $\mu\text{m}$ .
19. (New) A method according to claim 2, wherein said stainless steel fiber web comprises a fiber medium having a fiber diameter of about 22  $\mu\text{m}$ .
20. (New) An exhaust particulate filter system, comprising:  
a first fiber web filter for filtering an exhaust flow;  
a second fiber web filter for filtering said exhaust flow;  
a fuel supply coupled to said first fiber web filter and to said second fiber web filter; and  
a valve unit configured to:  
direct said exhaust flow to said first fiber web filter when directing fuel to said second fiber web filter; and  
direct said exhaust flow to said second fiber web filter when directing fuel to said first fiber web filter.

21. (New) The exhaust particulate filter system according to claim 20, wherein said first fiber web filter and said second fiber web filter each comprise a stainless steel fiber web filter.
22. (New) The exhaust particulate filter system according to claim 20, wherein said first fiber web filter and said second fiber web filter are completely metallic.
23. (New) The exhaust particulate filter system according to claim 20, wherein said exhaust flow comprises a diesel exhaust flow.
24. (New) The exhaust particulate filter system according to claim 20, wherein said fuel supply comprises a diesel fuel supply.
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